



PATENT
ARK00797234B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Fritsch et al.)
SERIAL NO.: 10/020,776)
FILED: 12/12/01)
TITLE: **MULTILAYER MICROSTRUCTURE**)
DEVICES AND METHODS)
GROUP ART UNIT:)
EXAMINER:)

COPY OF PAPERS
ORIGINALLY FILED

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

In compliance with the duty of disclosure set out in 37 C.F.R. §1.56, attached hereto is Form PTO-1449 containing a list of patents and/or publications for Applicant's Information Disclosure Statement.

Pursuant to 37 CFR Section 1.98, Content of information disclosure statement, copies of the below listed patents and/or publication references having an asterisk (*) before them are not submitted herewith because they were submitted in prior application Serial No. 09/071,356. The earlier application is properly identified in this information disclosure statement and is relied on for an earlier effective filing date under 35 U.S.C. 120. The information disclosure statement submitted in the earlier application complies with paragraphs (a) through (c) of this section.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Director of Patents Washington, D.C. 20231, on March 4, 2002

Each listed patent and/or publication is considered relevant to the subject application in that they individually and collectively disclose a sampling of what has been previously employed in the arts related to MULTILAYER MICROCAVITY METHODS AND DEVICES.

Applicant respectfully requests consideration of each of the listed patents and/or publications during examination of the present application.

**Identification of Person Making This
INFORMATION DISCLOSURE STATEMENT**

The person making this statement is:

(a) _____ the inventor(s) who signs below

Signature of Inventor

Name of Inventor Signing

(b) X the attorney who signs below on the basis of:

 the information supplied by the inventor(s)

 which has been reviewed by the attorney

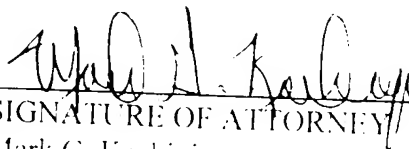
 which has not been reviewed by the attorney

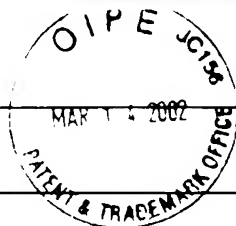
 X the information in the attorney's file

Registration No.: 32,840

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Date: March 4, 2002


SIGNATURE OF ATTORNEY
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Attorneys for Applicant



FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty. Dkt. No.: ARK00797234B	Serial No.: 10/020,776
	Applicant: Fritsch et al.	
	Filing Date: 12.12.01	Group Art:

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	*4,779,031	10 18 88	Arends et al.	318	565	1/15 86
AB	*4,891,242	1 2 90	Ito et al.	427	53.1	7/1 '87
AC	*4,961,806	10 9 90	Gerrie et al.	156	252	6/22 88
AD	*4,972,470	11 20 90	Farago	380	3	8/6 87
AE	*5,053,920	10 1 91	Staffiere et al.	361	383	10/9/90
AF	*5,159,427	10 27 92	Ogura et al.	357	48	9/26/90
AG	*5,253,156	10 12 93	Sakurai et al.	363	98	1/29/91
AH	*5,313,150	5 17 94	Arakawa et al.	318	768	7/2/92
AI	*5,355,301	10 11 94	Saito et al.	363	147	3/1/93
AJ	*5,365,405	11/15 94	Hoehnlein et al.	361	766	5/21/93
AK	*5,384,691	1 24 95	Neugebauer, deceased et al.	361	794	1/8 '93

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A M						
A N						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	*Stock Product Catalog 501, Baldor Motors and Drives, January 1, 1997.
AP	*The Animatics SmartMotor, Animatics Corporation.
AQ	*Industrial electronics, Technology 1998 Analysis & Forecast, IEEE Spectrum, January 1998, Pg. 73-78.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AR	*5,410,107	4/25/95	Schaper	174	255	3/1/93
AS	*5,412,558	5/2/95	Sakurai et al.	363	98	9/7/93
AT	*5,432,675	7/11/95	Sorimachi et al.	361	719	11/15/93
AU	*5,434,745	7/18/95	Shokrgozar et al.	361	735	7/26/94
AV	*5,452,182	9/19/95	Eichelberger et al.	361	749	4/7/92
AW	*5,488,542	1/30/96	Ito	361	793	8/17/94
AX	*5,495,394	2/27/96	Kornfeld et al.	361	764	12/19/94
AY	*5,532,512	7/2/96	Fillion et al.	257	686	10/3/94
AZ	*5,544,017	8/6/96	Beilin et al.	361	790	7/19/94
BA	*5,604,383	2/18/97	Matsuzaki	257	778	5/11/95
BB	*5,608,192	3/4/97	Moriizumi et al.	174	255	7/26/95
BC	*5,608,617	3/4/97	Morrison et al.	363	147	5/3/96

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BD						

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BE	*Craig D.T. Bratten, Peter H. Cobbold, Jonathan M. Cooper; Micromachining Sensors for Electrochemical Measurement in Subnanoliter Volumes; <u>Anal. Chem.</u> , 1997, Vol. 69 No. 2, January 15, 1997, pgs. 253-258.
BF	*K. Leyendecker, W. Bacher, W. Stark, A. Thommes; New Microelectrodes For the Investigation Of the Electroforming Of Liga Microstructures; <u>Electrochimica Acta</u> , 1994, Vol. 39, No. 8 9, pgs. 1139-1143.
BG	*Osamu Niwa, Masao Morita, Hisao Tabei; Fabrication and characteristics of vertically separated interdigitated array electrodes; <u>J. Electroanal. Chem.</u> , 1989, 267, pgs. 291-297.

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BH	*5,616,888	4/1/97	McLaughlin et al.	174	260	9/29/95
BI	*5,619,108	4/8/97	Komurasaki et al.	318	140	7/10/95
BJ	*5,629,559	5/13/97	Miyahara	257	666	12/6/94
BK	*5,629,574	5/13/97	Cognetti et al.	310	71	6/30/93
BL	*5,634,267	6/3/97	Farnworth et al.	29	840	11/14/94
BM	*5,641,944	6/24/97	Wieloch et al.	174	252	9/29/95
BN						
BO						

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BP						
BQ						
BR						

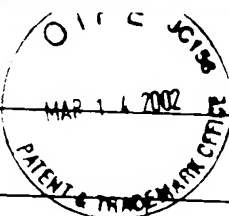
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BS	*Alan M. Bond, Darryl Luscombe, Keith B. Oldham, Cynthia G. Zoski; A Comparison Of the Chronoamperometric Response At Inlaid and Recessed Disc Microelectrodes; <u>J. Electroanal. Chem.</u> , 1988, 249, pgs. 1-14.
BT	*Thor D. Osborn, Paul Yager; Formation of Planar Solvent-Free Phospholipid Bilayers by Langmuir-Blodgett Transfer of Monolayers to Micromachined Apertures in Silicon; <u>Langmuir</u> , 1995, 11, pgs. 8-12.
BU	*Rose A. Clark, Paula Beyer Hietpas, Andrew G. Ewing; Electrochemical Analysis in Picoliter Microvials; <u>Anal. Chem.</u> , 1997, 69, pgs. 259-263.
BV	*K.C. Burgers, K.J. Olejniczak, S.S. Ang, E. Porter; The Use of Multichip Module Technology for Power Electronics Miniaturization and Packaging; Department of Electrical Engineering, University of Arkansas; High Density Electronics Center (HiDEC), University of Arkansas, <u>Abstract</u> , 1997, pgs. 35-41.

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BW	5,290,420	3 1994	Matson	204	403	
BX	5,030,310	7 1991	Wogoman	156	252	
BY	5,066,372	11 1991	Weetall	205	777.5	
BZ	5,846,814	12 1998	Galla et al.	435	287.2	
CA	5,605,662	2 1997	Heller et al.	422	68.1	
CB	5,344,545	3 1994	Tsukada et al.	204	415	
CC						
CD						

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	Document No.	Date	Country	Class	Sub Class	Translation Yes No
CE						
CF						
CG						

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CH	
CI	
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CK	

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